



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jeffery D. Walker, et al.

Serial No.: 10/014,679

Filed: December 11, 2001

Confirmation No.: 3207

For: INTEGRATED OPTICAL DEVICE INCLUDING A  
VERTICAL LASING SEMICONDUCTOR OPTICAL  
AMPLIFIER

Customer No.: Customer No. 022913

Examiner: Mark Hellner

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) Art Unit  
) 3663

AMENDMENT UNDER 37 C.F.R. § 1.111

**Mail Stop AMENDMENT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Dear Sir:

In response to the Office action mailed September 21, 2004 (the "Office Action"), please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.